

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Michelle M. HANNA  
Appl. No.: 10/600,581  
Filed: June 23, 2003  
**For: Molecular Detection Systems  
Utilizing Reiterative  
Oligonucleotide Synthesis**

Confirmation No.: 8564  
Art Unit: 1637  
Examiner: Kim, Young J.  
Atty. Docket: 2072.0010002/MAC/AJL

**Amendment and Reply after Final Office Action under 37 C.F.R. § 1.116**

**To Accompany the filing of a Request for Continued Examination under 37  
C.F.R. § 1.114**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Final Office Action dated September 5, 2008, Applicant submits herewith the following Amendment and Reply. It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Amendment to the claims begin on page 2 of this paper.

Remarks begin on page 20 of this paper.